

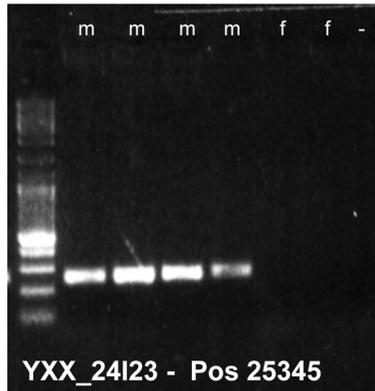
**Fig. S3. Information on the polymorphic site YXX\_24I23 - Pos 25345**

(a) Sequence alignment (HT1,2,3,5,6,HTPrz1,2; HT4; Reference YXX\_24I23 from genbank) with primer positions underlined. Positions identical to the sequence in the first row are represented with a hyphen. The mutation leading to HT4 is marked. b) PCR products amplified from male (m) and female (f) genomic DNA and a no-template-control (-). c) Capillary sequence traces of the confirmed mutations in HT1,2,3,5,6 and HT4, respectively.

**A**

YXX_24I23HT1/2/3/5/6/HTPrz	CTGTTAAGTA ATCACGGTTT AACTTTTTTCT CAGTAAAAGC TTATGTTCCC <u>TCCGGCCTTT</u>	25260
YXX_24I23HT4	-----	
ReferenceYXX_24I23	-----	
YXX_24I23HT1/2/3/5/6/HTPrz	<u>ATGCTTAGC</u> ATTTTAAAAA CCTGTGGAAG GATAAAATTA GTACCAAGAT AAATGAGGAT	25320
YXX_24I23HT4	-----	
ReferenceYXX_24I23	-----	
YXX_24I23HT1/2/3/5/6/HTPrz	AGATGGGGAA AAGTTGAAA ATAC <u>G</u> TTTAA CGTAGTTTAT GTCCTTCGTA AACTTAAGA	25380
YXX_24I23HT4	-----	
ReferenceYXX_24I23	-----	
YXX_24I23HT1/2/3/5/6/HTPrz	CTATTAAC TGAGATGTGT AGATTCCAGA CCATATTTTT TATTGTTTAC TTTAGGTTA	25440
YXX_24I23HT4	-----	
ReferenceYXX_24I23	-----	
YXX_24I23HT1/2/3/5/6/HTPrz	AAAAAACA GCCATGTCAT GTTTTTAAAG <u>TGAACGTTGT</u> <u>ATACTGCAGC</u> <u>CCAAAAGAAT</u>	25500
YXX_24I23HT4	-----	
ReferenceYXX_24I23	-----	

**B**



**C**

